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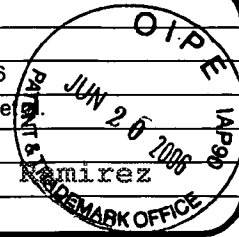
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Sheet 1

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Complete if Known

Application Number	10/573,381
Filing Date	March 24, 2006
First Named Inventor	Jun TOMONO et al.
Group Art Unit	1652
Examiner Name	Delia M. Ramirez
Attorney Docket Number	TOMONO5

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/D.R./	AA	US-2002/0162126 A1	10-31-2002	BEACH et al.	
/D.R./	AB	US-6,479,260 B1	11-12-2002	TAKAYAMA et al.	
/D.R./	AC	US-6,506,559 B1	01-14-2003	FIRE et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
/D.R./	AD	WO 01/68836	09-20-2001	GE-NETICA INC. COLD SPRING HARBOR LABORATORY		
/D.R./	AE	WO 99/27117	06-03-1999	TAKARA SHUZO CO., LTD.		Y

NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/D.R./	AF	AMARASHINGHE et al., <i>Escherichia coli</i> ribonuclease III: Affinity purification of hexahistidine-tagged enzyme and assays for substrate binding and cleavage, <i>Methods in Enzymology</i> , 342:143-158 (2001)	
	AG	BERNSTEIN et al., Role for a bidentate ribonuclease in the initiation step of RNA interference, <i>Nature</i> , 409(6818):363-366 (2001)	
	AH	KNIGHT et al., A role for the RNase III enzyme DCR-1 in RNA interference and germ line development in <i>Caenorhabditis elegans</i> , <i>Science</i> , 293(5538):2269-2271 (2001)	
	AI	ZHANG et al., Human dicer preferentially cleaves dsRNAs at their termini without a requirement for ATP, <i>The EMBO Journal</i> , 21(21):5875-5885 (2002)	
	AJ	OHTANI et al., Heat labile ribonuclease HI from a psychrotrophic bacterium: gene cloning, characterization and site-directed mutagenesis, <i>Protein Engineering</i> , 14(12):975-982 (2001)	
	AK	WELKER et al., Cloning, overexpression, purification, and physicochemical characterization of a cold shock protein homolog from the hyperthermophilic bacterium <i>Thermotoga maritima</i> , <i>Protein Science</i> , 8:394-403 (1999)	
	AL	IUBMB Enzyme Nomenclature EC 3.1.26.3 (1978)	
	AM	GUO et al., par-1, a gene required for establishing polarity in <i>C. elegans</i> embryos, encodes a putative Ser/Thr kinase that is asymmetrically distributed, <i>Cell</i> , 81:611-620 (1995)	
	AN	FIRE et al., Patent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> , <i>Nature</i> , 391:806-811 (1998)	
	AO	TABARA et al., The dsRNA binding protein RDE-4 interacts with RDE-1, DCR-1, and a DexH-Box helicase to direct RNAi in <i>C. elegans</i> , <i>Cell</i> , 109:861-871 (2002)	
	AP	LEE et al., Family of the major cold-shock protein, CspA (CS7.4), of <i>Escherichia coli</i> , whose members show a high sequence similarity with the eukaryotic Y-box binding proteins, <i>Molecular Microbiology</i> , 11(5):833-839 (1994)	
/D.R./	AQ	WILLIMSKY et al., Characterization of <i>csxB</i> , a <i>Bacillus subtilis</i> inducible cold shock gene affecting cell viability at low temperatures, <i>Journal of Bacteriology</i> , 6326-6335 (1992)	

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Signature

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